

Monday, 28/04/2008 8:13:40 AM

Julie Lecocg

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

Job Number

: 38819

Estimate Number

: 10377

P.O. Number

Previous Run

Comment

: 28/04/2008

This Issue Prsht Rev.

: NC

First Issue

: //

: 38818

: PURCHASED PARTS Type

S.O. No. :

Part Number

Drawing Name

Drawing Number Project Number

: N/A : B

Drawing Revision

Material **Due Date**

: 30/05/2008

: D2890 REV B

: D2890

: AFT CROSSTUBE

Qty:

1 Um:

Each

Written By

Checked & Approved By

D : Est.

05.03.21

Removed Bending procedures KJ/JLM

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

D6008180 1.0

Crosstube Extrusion

BENDING MACHINE - SKIDTUBES

Comment: Qty.:

Pick: Qty

1.0000 Each(s)/Unit

Total:

1.0000 Each(s)

1

Part#

Description

Batch

D6008-180 Crosstube extrusion

B34688

2.0

BENDING

Comment: BENDING MACHINE

1-Bend D2890 as per Dwg D2890 and Folio FT002

El 44-29

3.0

QC6

DIMENSIONAL CHECK



Comment: DIMENSIONAL CHECK



4.0

SKIDTUBES 1

SKIDTUBESS RESOURCE 1



Comment: LANDING GEAR RESOURCE 1

1-Deburr and Polish

5.0 HAND FINISHING1 HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1



Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES								
DATE STE		PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			

Part No: D2890 PAR#: NA Fault Category: Pod & Libe NCR: Yes No DQA: Date: 08/05/0)

QA: N/C Closed: D Date: 08/05/02

NCR: 32	8819	W	ORK OR	DER NON-CONFORMANCE	E (NCR)			
		Description of NC	Corrective Action Section B			Verification	Approval	Approval
DATE	STEP	Section A	initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
U8.64.72	7	Tube overbent, widths sre nerrow. REE Dim sheet.	02.04.25	The acceptable	EL 8-4-30		(F) UE. 04. Z1 Per	
		Jim sheet.	7c Q51642			oslar/30	95/042	Obal30
					-			

NOTE: Date & initial all entries

Date: Monday, 28/04/2008 8:13:40 AM Julie Lecocq User: **Process Sheet** Drawing Name: AFT CROSSTUBE Customer: CU-DAR001 Dart Helicopters Services Job Number: 38819 Part Number: D2890 Job Number: Description: Seq. #: **Machine Or Operation:** INSPECT-POWDER COAT/CHEMICAL CONVERSION QC3 6.0 NA B 386 A Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION PACKAGING RESOURCE #1 PACKAGING 1 7.0 Comment: PACKAGING RESOURCE #1 Identify and Stock to 107 Location: cut FINAL INSPECTION/W/O RELEASE 8.0 QC21 Comment: FINAL INSPECTION/W/O RELEASE mf 08-04-30 Job Completion

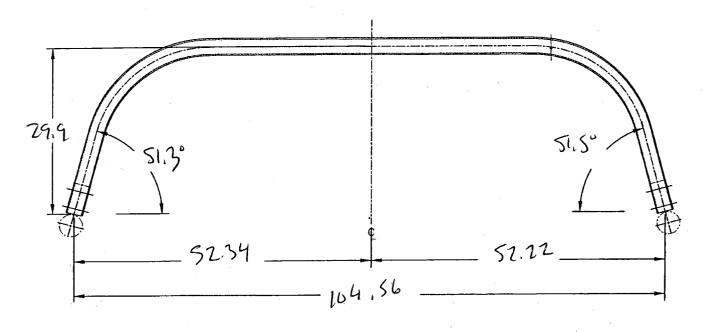
W/O:			WORK ORDER	CHANGES				
DATE	STEP	PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Category:	NCR: Yes	No DQ	A:	Date: _	
				QA:	N/C Close	d:	Date: _	

NCR:			WORK ORDE	R NON-CONFORMAN	CE (NCR)			
· · · · · · · · · · · · · · · · · · ·		STED Description of NC		Corrective Action Section B			Annroyal	Ammrayal
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector

NOTE: Date & initial all entries

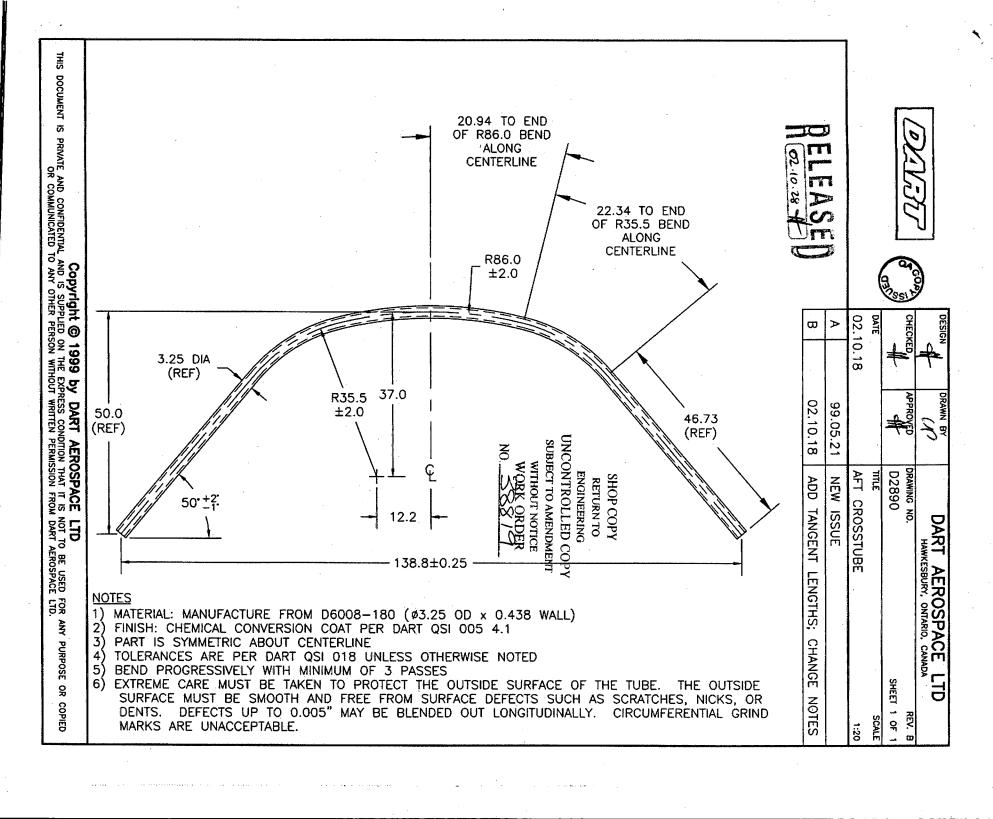
DART AEROSPACE LTD	Work Order:	38819
Description: Crosstube Aft	Part Number:	D2890
Inspection Dwg: D2890 Rev: B		Page 1 of 1

Required Dimension	Min	Max
Height	49.875	50.125
1/2 Span	69.275	69.525
Angle	49	52
Total Span	138.55	139.05



Com	nments			
Tube al	-			
	 -	. 0		
QC15 Inspection	- (
QC15 Inspection Date		108,10	1.29	

Rev	Date	Change	Revised by	Apprøved
Α	07.02.06	New Issue	 KJ/JM 🛠	m
L		·		/





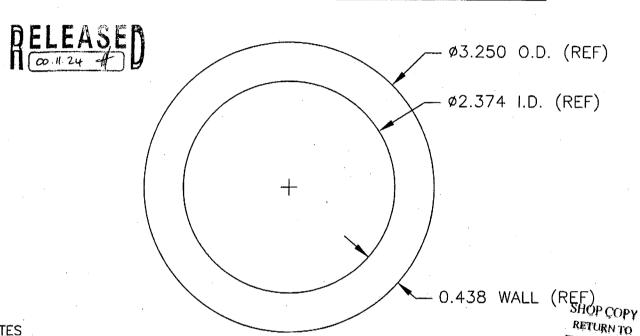


DESIGN (DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
CHECKED	APPROVED	DRAWING NO.	REV. A	
9	91	D6008	SHEET 1 OF 1	
DATE		TITLE	SCALE	
00.11.17		CROSSTUBE MATERIAL	1:1	
A	00.11.17	NEW ISSUE		

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SPECIFICATION CONTROL DRAWING



NOTES

 D6008-XXX CROSSTUBE **LENGTH**

> WHERE XXX IS LENGTH IN INCHES EG. 180" LONG TUBE: D6008-180

2) MATERIAL: 3.250 OD \times 0.438 WALL 7075-T6/T6511 (WW-T-700/7 OR QQ-A-225/9 OR QQ-A-200/11) SEAMLESS ALUMINUM TUBE.

MINIMUM ULTIMATE TENSILE STRENGTH = 77 ksi MINIMUM YIELD TENSILE STRENGTH = 66 ksi

3) TOLERANCES ARE PER ASTM B210 AS FOLLOWS:

O.D.: ± 0.008 MEAN (±0.016 INCLUDING OVALITY)

WALL: ±0.020 MEAN (±0.044 INCLUDING ECCENTRICITY)

LENGTH: XXX +0.125/-0.000 STRAIGHTNESS: 0.010" DEVIATION / 12" LENGTH 4) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE. OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM SURFACE DEFECTS SUCH AS SCRATCHES, NICKS, OR DENTS. DEFECTS UP TO 0.005" MAY BE BLENDED OUT LONGITUDINALLY. CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.

5) CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

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